



APPLICANT: Guy LeClerc et al.

SERIAL NO.: 09/775,479

GROUP: 1636

FILED: 02/02/2001

FOR: RADIOLABELED DNA OLIGONUCLEOTIDE, METHOD OF PREPARATION AND THERAPEUTIC USES THEREOF

DNA sequence bounded to an antibody, wherein said oligonucleotide is labeled with a radio-isotope located internally of the 5' and the 3' end.

- B¹
28. The method of claim 27 wherein said radioisotope is selected from the group consisting of ³²P, ³³P, ¹²⁵I, ¹³¹I, ³⁵S, ¹⁹⁸AU, ⁹⁰Y, ⁸⁹SR, ¹⁸⁶Re, ⁴⁵Ca and ¹⁵³Sm.
 29. The method of claim 27 wherein said oligonucleotide is a double-stranded DNA sequence.
 30. The method of claim 27 wherein said oligonucleotide is a sense strand.
 31. The method of claim 27 wherein said oligonucleotide comprises DNA sequences of at least about 2 to about 5,000 nucleotides.
 32. The method of claim 27 wherein said oligonucleotide is a DNA sequence of 25 nucleotides or less.
-

BEST AVAILABLE COPY